

ABSTRACT

5 The present invention relates to a power transformer/reactor
(14, 15, 16) for high voltages, comprising at least one wind-
ing having at least one current-carrying conductor. The wind-
ing comprises a solid insulation (7) surrounded by outer and
inner layers (8,6) serving for equalization of potential and
having semiconducting properties. The layers (6,8) and the
insulation (7) adhere along essentially the whole of its
10 contact surfaces. Said conductor is arranged interiorly of
the inner semiconducting layer (6). The outer layer (8) is
connected to ground or otherwise relatively low potential.
Said solid insulation in the windings constitute substan-
tially the total electrical insulation in the power
15 transformer/reactor.

(Fig. 3)